

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: n4js@amsat.org
Subject: [20144] 1 radiator for MMA/SLV?
Message-ID: <XFMail.970522185745.n4js@amsat.org>

I had a thought (a dangerous thing). Why couldn't you make the radiator for the MMA/SLV out of twinlead (deja vu??). One side of the twinlead 13' long, but cut the other side at 6 or 7'. Tie together at bottom, where it attaches to the top of coil. Then you would resonate the long radiator at 40M, and the short one on 20-17-15. Sort of like making a multiband dipole out of twinlead, which does work, I know.

So, why won't this work? There is probably a reason it won't, so one of you antenna experts tell me, before I try it, and feel really stupid.

Sent at 18:57:45 on 22-May-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@n4js.ampr.org NJ Grid:FM29LN
<http://www.qsl.net/n4js>
NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=019 30m=16 17m=3 12m=0 States=05/02/00 Countries=10/02/00

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [20166] 6m E-skip season! QRP, loop and dipole antennas, and others...
Message-ID: <Pine.3.89.9705230747.A16642-01000000@w3eax.umd.edu>

6m - Why?

Imagine the thrill of catching a 3-hour E-skip opening on 6m, during which 1000 miles sounds like next door! Single hop = 500-1000 miles, double-hop = 1000-2000 miles. E-layer patches, when they form, produce VERY strong reflection of signals, but only between relatively small areas. Thus even a little bit of power to a junky antenna will produce QSOs so long as everyone ELSE in your area has already made their QSO :)

And then P00F...the path is gone, vanishing as quickly as it came...

SSB and CW coexist on VHF. In fact, working CROSSMODE (SSB-CW, FM-SSB, FM-CW, etc) is perfectly acceptable and often necessary.

On top of that, you may ask "Why did Tokyo Hi-Power make the HT-750 40, 15, and 6 meters?" 6 meters is the 7th harmonic of 40m. See DIPOLES, below.

Band Plans

50.060-50.080 Beacons
50.080-50.100 CW only
50.100-50.125 SSB/CW DX window

50.110 DX calling frequency,
50.125 domestic calling frequency

50.125-50.300 General operations
50.400 AM calling frequency
51.000-54.000 FM

52.525 FM calling frequency

Offset for 6m repeaters is 1 MHz

There are concerns about the band getting too crowded - moves are being made to move the calling frequencies up the band.

Loop antennas

6m loops are not a bad thing. As constructed, they're usually designed to handle serious power (like 750 watts) because most people who use them run serious power, but check before running anything...

Loops are omnidirectional, horizontally polarized, making them great for spotting major E-skip openings. HOWEVER, I would NOT expect to work Aurora, meteor scatter, or any other anomalous propagation mode with one, or even two stacked, for that matter.

Gain is VERY low - like that of a vertical 1/2 wave dipole - except that they exhibit horizontal polarization, which most DXers use and may also give a slight advantage on ionospheric reflection (I've merely heard this may be true).

The following is a short list of 6m loop antennas

KB6KQ, not KD6KQ! Wouldn't want them banging down the wrong door! KB6KQ makes compact loop antennas all the way up to 432 MHz (I have for 6/2/432). All aluminum, with porcelain insulators. Can't tell you how to get in touch with Norm, but that's his name and call.

AEA makes a Halo-6. I suspect that this product was sold along with AEA's antenna products division. It sells for about \$70.

M squared (M²) makes a nice contraption called the SQL00P, which is a

flat aluminum welded strip. Sells for about \$130.

Saturn 6 is a triple-loop thingy sold in the 50's and 60's. Out of business for years, but small and effective, and they CAN be found.

Verticals

A simple 54" whip makes a vertical 1/4 wave antenna. Sure, it's vertically polarized, but when 6m opens, an antenna is better than no antenna. And don't neglect the FM 52.525 calling frequency!

Dipoles

The cheap antenna. Can be made of a pair of 54" whips, or a pair of 6m hamsticks, or just wire between two trees. Low gain, blah blah blah, but they DO work. Note that a 15 or 40 meter dipole will resonate (with tuner for trimming) on 6m and will even often outperform a loop or 6m dipole. A 15m dipole is 3/2 wave on 6m, and a 40m dipole is 7/2 wave.

Beams and quads

What can you say? A 5 element quad or beam or Quagi or whatever will work wonders.

Equipment

Many HF rigs have 6m as an added incentive - Alinco DX-70T, Icom 706, 736, 756, 726, 729, Kenwood TS-680, 690S, Yaesu FT-920. For \$100 shipped, you can get a dandy kit (model 1208) from Ten-Tec that takes 5w at 14 MHz and converts it to 8-12 watts on 6m. This is what I run.

Amplifiers

Virtually nonexistent, as standalone entities. We have our friendly CB and FCC friends to thank for this. 6m is covered in the same ban as are illegal CB amps. This keeps manufacturers from selling them as kits :(and makes sure that if they ARE sold, they have to go through the FCC type-acceptance process - \$3,000 - meaning that at \$30 profit per copy, you'd have to sell 100 just to break even...

Funny that CBers can get all the illegal import amps they want.

Just FYI, Motorola app notes are readily available for construction of 6m amplifiers.

QUICKLY NOW, PEOPLE! 6M WILL BE OPENING BIG TIME ANYDAY NOW!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Gimme a hamfest, I'm there *

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [20159] ?????????
Message-ID: <19970522.234324.2798.1.w7rfm@juno.com>

Pauline is going to send a hard copy of a letter. We do NOT know if you are reciving our E-Mail.
Please let us know if you are reciving these messages. I will also send a radio gram to you and ask you this same info.

Please do not say any thing to Pauline or any one else in your letters about what I am going to tell you.

Pauline had a bad bout of asmah (?) and if Sara had not gone into the house we may have lost her. She was hospitilized over night because her blood gases (oxygen level) was at about 60% and they wanted it up to 90% or better before they let her go.
She is ok now but it was a long Sunday that I will now remember.

If she finds out that I have told you she will kill ME.....so please do not say anything about this . I just wanted to keep you informed because I do not think she would tell you about it.

John Hirsch

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Russ Carpenter <russ@natworld.com>
Subject: [20180] A Great Little Rig--THE BUMBLEBEE TRANSCEIVER
Message-ID: <199705231746.NAA56778@nss2.CC.Lehigh.EDU>

The ever-creative Bill Jones, KD7S, has put together an intriguing new rig: The Bumblebee Transceiver, named in honor of the Flight of the Bumblebees (taking place on Sunday, July 27). You can find Bill's description and photographs on the Adventure Radio Society web site. This URL will take you directly there: <http://www.natworld.com/ars/equip>. You might enjoy a step by step stroll through the web site by going to the home page at <http://www.natworld.com/ars>.

The Bumblebee Transceiver will also appear in the next issue of QRPp.

Russ Carpenter, AA7QU
ARS #1

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Jeff Casey <WB5GWB@sprynet.com>
Subject: [20181] Backpacking/DXCC endorsement? :-)
Message-ID: <199705231751.KAA21028@m7.sprynet.com>

On Wed, 21 May 1997, Joe Gervais, AB7TT <vole@primenet.com> wrote:
[SNIP]

>Just to toss in another angle of analysis on the QRP
>endorsement for DXCC, what would possibly be the motive
>to lie?

[SNIP SNIP SNIPPITY SNIP]

>It seems like such a no-brainer.... Can't believe there's
>even a need to champion the cause. *sigh*
[SNIP]

Joe,

As always, your analysis is right on target, IMHO. But I'd say that, while correct, your argument is **not** a "no-brainer" (I mean, it **is** a brainer :-)
You see, you're reasoning like a **scientist**, and most of us hams can only do that when we've got a soldering iron in our hands ;-)

Hot dang, it's hard to type like this... YEEEOUCH!...

Hey, by the way Joe, that QRP backpacking trip sounds like a FB idea. I'd love to be able to join you, but I'd have to find a lot longer extension cord. Anyway, what do you think about getting Adventure Radio Society to sponsor a "QRP-DXCC-while-backpacking-and-clearing-your-path-with-a-25W-iron" endorsement?? Of course, you'd be permitted unlimited flux.

Oh well, not such a good idea, I guess. As we all know, some of the Big guns would fudge by bringing their big Guns, and the raging flux fire footage would probably make CNN.

Please, don't try this at home. (making up such silly jokes, that is)

73 & 72,
Jeff

Jeff T. Casey / WB5GWB / Long Island, NY
Visit the Long Island QRP Club webpage:
<http://www.hamtrader.com/liqrp/index.htm>

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: bcutter@teal.csn.net (Bob Cutter)
Subject: [20185] FYBO Prize
Message-ID: <199705231921.NAA29618@ns-1.csn.net>

I won the most numb brain or butt prize, coldest temperature, in the event and just got around to looking at the the prize last night. Bound copies of QRPP. What a great prize and I am enjoying them already. There is history here folks!

72, Bob KI0G

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
Subject: [20145] Gel cells - more questions.
Message-ID: <3.0.1.16.19970522090225.2ee746e4@postoffice.worldnet.att.net>

Thanks for the help.

I just got may hands on about 50 4 amp/hr gel cells. They have been sitting unused for about 6 months. About half of them show about 12.5 volts and I assume they are salvageable. About another quarter of them are at about 11.5 volts. And the other quarter are about 9 to 10 volts. My question is.....are the 11.5 volt batteries ready for the recycle center or will they come back with charging? Also....is there a way to test these batteries??

I have two gel cell chargers and am familiar with how that is done and why.
I know there are ways to test them...what is a good way?

Thanks again.

=====
73 / 72 QRP ARCI # 8911
Gary - W2UX QRP-L # 593
Lexington, SC CQC #413
(EX: WA2UAX)
CW is the REAL THING! Use it or lose it.
=====

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: n4js@amsat.org
Subject: [20150] GM17
Message-ID: <XFMail.970522215443.n4js@amsat.org>

A while ago I posted about low sensitivity on my GM17. I found the trouble. I had a bad C3 capacitor. It didn't look melted or anything, but felt "gritty" and the circuit had no peaks at all.

Well, Dave sent me a new one, and I put it in today. What a difference! 2 sharp peaks, and now it is HOT. Worked ON5SE at 2205Z on 18.075.

Thanks, Dave..... Now to build the SW160, and get ready for all the activity on 160 in a few months! ;-)

Sent at 21:54:43 on 22-May-97

John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | | _ | | / _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.qsl.net/n4js
| _ | \ | | _ | \ _ _ / | _ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=019 30m=16 17m=3 12m=0 States=05/02/00 Countries=10/02/00

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [20184] Ground Plane series
Message-ID: <Pine.SOL.3.94.970523142657.26796A-1000000@utkux4.utcc.utk.edu>

The 5-part series on ground plane vertical antennas is now at my site.

I found some of the results fascinating. I hope a few will find the notes useful, even if too long.

URL is in the signature line below. The multi-part series are grouped together near the top of the Tales and Technicals entry at the end of the radio page.

-73-

LB, W4RNL

L. B. Cebik, W4RNL / \ / \ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \ / \ / ---- / \ ---- (Hm) (423) 938-6335

Knoxville, Tennessee /\ \ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ \ \ || cebik@utk.edu
URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Tony Fishpool <G4WIF@compuserve.com>
Subject: [20190] Help please
Message-ID: <199705231651_MC2-1734-9F87@compuserve.com>

Greetings All,
I tried to send a message to an address provided by
a G-QRP club re-joiner (N1SYZ), he gave me REXEIME.NET
as his address. Compuserve doesn't like this, it says it's not
a valid address and I admit, it does look strange. So just in
case Rex is "listening in", or anyone has an idea of what his
address is, I hope you will all excuse the bandwidth if I repeat
the message to the list.

Many Thanks
Tony - G4WIF

Hi Rex,

I promised when we met at the club booth at Dayton,
that I would get back to you about your club number.
You are member number 9252. I will pass that on to =

Graham G3MFJ, who holds the label database to
make sure that you get the following years Sprats.

Nice to have met you.

Kind Regards
Tony - G4WIF

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: camqrp@cyberg8t.com (Cam Hartford)
Subject: [20187] Hootowl Sprint
Message-ID: <199705231958.MAA17401@key.cyberg8t.com>

Contest Folk -

A gentle reminder that the Hootowl happens Sunday evening, May 25 (this weekend) from 8 PM to Midnight, local time.

Usual QRP frequencies, try spreading out a bit.

See you all there.

72/73,

Cam N6GA

WIMPS: Qs=027 30m=24 17m=3 12m=0 States=12/03/00 DX=03/00/00

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: gsurrency@juno.com (Gary L Surrency)
Subject: [20154] Hungary now on 20m
Message-ID: <19970522.210412.9886.0.gsurrency@juno.com>

HA3MN is working dozens of stations now on 14.002.5 and is 599 into AZ.
He gave me a 579!
Time is 0400 Z.

72 es GL,

Gary Surrency AB7MY
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH
Az ScQRPions

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: SBJohnston@aol.com
Subject: [20155] HW-8 schematic needed
Message-ID: <970523002632_-1532158621@emout10.mail.aol.com>

Hi gang!

I just bought an HW-8 at Dayton, and it needs a little fixing up. Can anyone help me come up with a copy of the schematic of the venerable HW-8? Let me know how much \$ it takes...

Thanks!

Steve Johnston WD8DAS
3350 Oakham Drive
York PA 17402

sbjohnston@aol.com

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: DaveLeDuc@aol.com
Subject: [20161] Hw-9 HELP!!!
Message-ID: <970523071504_122319554@emout10.mail.aol.com>

I just received my HW-9 back from the repair shop fully fixed, tuned, and aligned.. I was unable to diagnose the original problem due to a lack of test equip, knowledge, etc.

I used it on 40 meters wednesday evening and made a few contacts and received good signal reports.

On Thursday I received e-mail from a ham 700 miles away who happened to hear my signal on 6955 khz. When I arrived home from work I checked it out using another receiver and sure enough there I was on 6955 khz with a strong signal. The fundamental freq was ~7040khz. The If I decrease power output the "spurious emission" moves down in freq.

I tried the same test on the 14 and 10 mhz bands and also found the second signal

generated. The rig is properly grounded. I tried it with/without the external antenna tuner, with/without a low pass filter and used different antennas.

I obviously take this very seriously as I was first licensed when one worried about the FCC showing up at the front door. Has anyone else run into this problem? Any Ideas?

Thanks and 73

Dave K1EPJ

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "Alyn Backe" <ve6bpr@cnnnet.com>
Subject: [20188] KC-1 Keyer/Counter
Message-ID: <20250319106847@cnnnet.com>

Greetings to all.

After just recently getting back into some QRP operations, I stumbled across the KC-1 keyer/counter from Wilderness Radio. This looks like a nice little piece of equipment, but I didn't see any specifications on the unit

itself. Does anyone know what the frequency range is on the counter part of this unit? Will it cover the 20 Meter band? Also, I was wondering if this item was ever published as a home-brew construction article in QRPp, or any other ham publication. Any help would be appreciated.

Best 73 to all, AL, VE6BPR...sk

ve6bpr@cnnnet.com

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Pete Meier <pmeier@tir.com>
Subject: [20162] Last QRP Banquet Announcement 97!!!
Message-ID: <199705231228.IAA23982@tir.com>

Ladies and Gentlemen,

Thank you for supporting what turned out to be a wonderful banquet. I enjoyed sharing that great meal with all you low power enthusiasts. I am especially grateful to all you who are vendors that graciously donated prizes. In fact so many donated (unannounced and at the last minute :-) I am now hearing comments about too many prizes taking too long to give away. This is a 2 edged sword. It demonstrated the generosity of our membership but it also destroyed my careful strategy for keeping the event short. Oh well these are complaints I can happily live with.

HOWEVER, I must announce that the ARCI NEEDS YOU TO GET INVOLVED as this was the LAST banquet I will be organizing. We need a volunteer(s) to plan the QRP Banquet for 98. I have resigned my position as Banquet Chairman and organizer. I now am looking forward to sitting out in the crowd, enjoying the meal SLOWLY :) and having a chance at those wonderful door prizes.

I do have a lot of organizational materials (vendor names and address, form letters and the vendor posters) that will relieve a majority of the work needed to be done. I will happily forward this to the new volunteer and offer any advice I can. HONESTLY, as I have it organized now, it takes only a small amount of time spread out over the year that it won't over burden anyone.

So we all can have even a better QRP Banquet in 98...GET INVOLVED!!
Contact the ARCI or send me an email and do it now.

Again thanks for making my job over the last 3 years so enjoyable I am looking forward to our 5th Annual QRP Banquet in May 98 organized by

you!?!?

Pete Meier WK8S

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [20179] Memorial Day Weekend Portable
Message-ID: <3.0.1.32.19970523104154.006a775c@telis.org>

I will be camping in the Sierra's this weekend with my wife and friends. My portable set up will be the Sierra (what else) with the W6MMA SLV with radials for 40, 30 and 20 meters. Hope to be in the WPX CQ contest. Operation will be sporadic, as I will do a little fishing, some napping, grade some papers, and just relax. I am also taking the WPL paddles that I bought at Dayton. Hope to see you on the air. 72, Doug, KI6DS

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: n0acs@juno.com (John R. Morris)
Subject: [20158] n0acs@juno.com (John R. Morris): PHOENIX CRYSTALS NEW E-MAIL ADDRESS
Message-ID: <19970522.234755.2463.2.N0ACS@juno.com>

Hi Gang,

Phoenix Crystals has a new E-mail address:
phxtal@nava-link.net

This new address is up and on-line. I will CONTINUE to check the Juno address for e-mail to Phoenix Crystals.

Due to the long distance charges for using JUNO I am discontinuing it's use shortly

I don't want anyone to think I'm skipping out without sending their crystals so
PLEASE.....NOTE OUR NEW E-MAIL ADDRESS SOMEWHERE YOU CAN FIND IT FOR FUTURE USE.

I WILL PLACE ANOTHER ANNOUNCEMENT ON HERE BEFORE I DISCONTINUE JUNO'S USE COMPLETELY.

Thank you all for your orders and support.

72

John at PHOENIX CRYSTALS

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Neil Heckt <neil@aade.com>
Subject: [20143] Nice aluminum case for Digital Frequency Display
Message-ID: <3384EB6F.5405@aade.com>

I now have a very nice extruded aluminium case for the Digital Frequency Display. It can also hold a PCB up to about 4 1/8 X 4 1/4 and there is room on the front for a couple of switches and some miniature (5/8"dia) potentiometers. Maybe put your QRP rig inside with the display.

Will post a picture of it on my web site sometime next week.

4 3/8 wide X 2 1/2 high X 4 1/4" deep. Has removable front and rear panels. Unpainted aircraft anodized, ready to be painted. Front panel has rectangular hole punched to fit display window.
\$19.95

Also have plastic bezel with clear window to fit display and case
\$3

\$4 S/H

--

Neil

Homebrew Heaven at <http://www.aade.com>

Home of L/C Meter IIB and Digital Frequency Display

Links to sites of interest to Engineers, Amateurs and hobbyists interested in Circuit Design and construction.

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: MSU1972@aol.com
Subject: [20163] Outbacker????
Message-ID: <970523085213_-1800157518@emout03.mail.aol.com>

I began dialog with a qrper regarding an outbacker antennae (FS) and accidently deleted his response...Don't want to be rude so if you read this and are that person...contact me...

David, KB8OCC

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: fmathews@norfolk.infi.net (Frank Matthews)
Subject: [20151] PIC-Based DFD
Message-ID: <v01530500afaa816709c0@[208.131.170.166]>

Fellow QRPers,

Just completed the PIC-Based Digital Frequency Display featured in May's QST. This is a "sweet" little project and works as advertised! Plan to use it along with a Green Mountain 40 on camping trips. This thing tracked up one side of the band and down the other (40M) while keeping in stride with a BK Precision Frequency Counter...and it didn't miss a step!!! If you're looking for a readout for your QRP rig...this is a great choice.

73, Frank

Frank Matthews
Technology Education Department
Oscar F. Smith High School
Chesapeake, VA 23320
fmathews@norfolk.infi.net
KC4FKX QRP-L #1079 CQC #434 NorCal #????
Grid Square FM16

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: torell@sicom.com (Kent Torell)
Subject: [20147] propagation
Message-ID: <v02130509afaa8a68be74@[192.91.202.41]>

Another CME is on the way, expected to hit around 1200 utc May 23. With the elevated solar radiation, it should be pretty neat...the geomagnetic field has been pretty quiet, so this evening should be nice for propagation. Watch 10 meters tomorrow. The weekend may be iffy if the CME is strong enough to churn up the ionosphere...

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [20152] propagation
Message-ID: <970523032620_70511.3041_IHD76-1@CompuServe.COM>

Kent:

Yep prop this evening on 30 has been--still *ie*--fantastic, as you predicted. I worked OM5XX, DJ5AV, OK2FD, F3NB, and LZ1QI--all from 0149-0228UTC 23 May 97. This run could have gone on...but I had to QRT to go work for awhile.

So if tomorrow is expected to be better...WOW!!! BTW, thanks for putting this note on here. Helpful, encouraging.

72/73,

--Doc/K0EVZ qrp-1 861 cqc 414 mn-qrp 19 nj-qrp 69 norcal 2050 ak/qrp 139

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "Emory R. Schley" <ERSchley@worldnet.att.net>
Subject: [20168] Proposed rig has 20 memories
Message-ID: <3385AF03.14F@worldnet.att.net>

Hi Guys:

I asked SGC about the 20-memory, 50-channel specifications on the QRP+ replacement, and this is what they said:

Subject:

Re: Got a question

Date:

Thu, 22 May 97 22:50:03 +0000

From:

SGCMKTG@aol.com

To:

ERSchley@worldnet.att.net

Emory,
Thank you for contacting us about the SG-2020.

As you can see, the specifications are still somewhat dynamic.
The 50 channels referred to indicates memory channel positions. However,
this
has been changed to 20.
Of course these are used to store favorite frequency info, and the rig
has
standard vfo style tuning.

We are very much aware of the QRP-L group, you guys don't miss a thing!
Stay tuned to sgcworld.com for the latest info.

Regards,
Bob Gregg
SGC

73, Emory N4LP

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Joe Gervais <vole@primenet.com>
Subject: [20141] QRP Backpacking Trip Anyone?
Message-ID: <199705230020.RAA06834@usr03.primenet.com>

Howdy Folks,

So I'm just about to get back on the air, and I've also
just acquired a bunch of backpacking gear that I've been
drooling over (Sierra Trading Post catalog - great prices!
No personal interest other than as a happy customer).

Naturally my mind begins to gravitate toward backpacking
with my Sierra xcvr and a lightweight antenna. Then I
realize how fun it would be if several other QRPers were
on the trip too. I often go solo, but company sounds nice.

Sooooo.....

Any of you QRP/backpackers out there interested in a group
trip? Figure a 3 day outing (not including travel to/from
trailhead) would be the minimum for a fun backcountry visit.

Colorado/Utah both seem centrally located for most of us,
and offer some great mountain hiking. Maybe if we did one
trip a year, hopping to different regions? I'd be happy to
lead a trip into the Grand Canyon at some point.

Call it "QRP: Live at BootiCon!" (OK, really bad Cheap Trick/
ham radio pun... sorry!)

Just curious. Figure it'd take several months to get
everyone organized, might as well start now. Please let me
know if you're interested!

Cheers de AB7TT/QRP/FM (Foot Mobile),

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And now... the exploding Blue Danube."

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Michael <MichaelN@cycat.com>
Subject: [20195] Schematic wanted for Ramsey counter
Message-ID: <33861E7B.52D4@cycat.com>

I'm looking for the schematic for a Ramsey CT-70 counter.

Tech support at Ramsey was less than helpfull.
They just want me to send the unit in for them to fix.

Given the \$25 they want for the repair plus shipping costs
it is not really worth it.

I got the unit in a package deal.
The same deal where I got my MFJ 9020, a MFJ Econo Keyer II, and
a set of broken paddles that have been repaired.

It looks like somebody transmitted into the counter and I need to
repair the front end. It appears that the front end device is
a transistor or mmic marked 021 k24.

Thanks for any help.

michael N6CHV

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: rhiller@sysdev.com (Rick Hiller)
Subject: [20167] SGC 2020 Comment
Message-ID: <2.2.32.19970523130139.00683b20@stephen.sysdev.com>

Hi Folks,

Received a nice reply to my question to SGC about the 50 channels. Bob Gregg explained that the specifications are still 'dynamic' and that the 50 channels has been changed to 20 memories. So apparently the voiced concerns, mine included, about being a 'channelized' commercial transceiver can be placed to rest.

72....Rick.....W5RH
Rick Hiller
Manager, Business Development
System Development, Inc.
Houston, Texas
rhiller@sysdev.com

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
Subject: [20146] Some should buy this.....WOW!
Message-ID: <3.0.1.16.19970522092604.09971c92@postoffice.worldnet.att.net>

Found this on the QRP listing on AOL:

Good condition Yaesu FT70 GC manpack rig. 2-30 MHz TX, 10 watts out. 100 KHz-30 MHz RX. Modes AM/USB/LSB/CW. S/RF/BATT meter, squelch, volume, RIT, tune switch, H/L, lighted meter switch..., power cord and speaker mic.

Throwing in 4 Ahr gell batts and new matching antenna tuner for whips and longwire.

I found this rig new on a shelf in Japan collecting dust a little over 3 years ago. Sensitive and durable-handles rough conditions like camping, packing, whatever.

Asking \$500.

For more info, please contact me at STACEYJ@COMPUSERVE.COM or here at COAXJH@AOL.COM

73

Stacey
KA0MRF

Someone should buy this...wish I had the money....

```
=====
73 / 72          QRP ARCI # 8911
Gary - W2UX      QRP-L # 593
Lexington, SC    CQC #413
(EX: WA2UAX)
CW is the REAL THING!      Use it or lose it.
=====
```

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: PaulKB8N@aol.com
Subject: [20178] Stuff For Sale
Message-ID: <970523134401_-62209502@emout13.mail.aol.com>

Gang,

I have two Bencher model XZ-2 audio filters for sale. This is by far the best and sharpest audio filter I've used. It has four audio bandwidth positions, ranging from 500 Hz down to 90 Hz and the bandwidth can be tuned to match any CW pitch. One works perfectly, the onther has some ringing in the narrower bandwidth position. Both have an RCA jack added for power, and a mini on-off toggle switch to turn off the filter when not in use. Both are in very good condition cosmetically. I want to sell them as a pair for \$20 plus shipping. If the second one isn't needed, it would make an ideal project box for a keyer or QRP rig..

Also have two 1K ten-turn pots with mini ten-turn counter, Pots are 3/4" diameter by 1" length. \$3 each with counter. Also have several of the 1 3/4" ten-turn counters for \$2 ea.

Thanks, 72, Paul, KB8N

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Richard Wilkerson <richqrp@cts.com>
Subject: [20139] T-shirt
Message-ID: <3384DC33.3F56@cts.com>

A package arrived today.....inside a very nice 38spl., T-shirt.
Jerry, who ever did the layout did a very nice job..I'll wear
this anywhere!!!

Thanks...Jerry.....72's...rich

--

Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: flydnq7x@primenet.com (Floyd Smithberg)
Subject: [20182] Tnx, Tnx, Tnx...Fox Prize
Message-ID: <199705231753.KAA03377@usr07.primenet.com>

Returned home yesterday from 4 days RVcamping in rain and sleet in northern AZ. Was pleasantly surprised to find a package waiting for me...a OHR Explorer kit from Chuck Adams, K5FO for working the most Foxes in the 96-97 Hunt. Many thanks Chuck for conceiving and running this most enjoyable test. Thanks also to the Foxes who spent many hours providing us those elusive signals from their remote lairs. And finally, thanks also to all the Fox hunters who showed what great operators they are and who contributed towards making this the premier QRP event that it is.

The fact that I was able to pull this off should prove that ANYONE can do it and I encourage you all to join in the fray next season and go for it. I had no super station (simple HB 40M vertical) , no special location (city lot in retirement complex)and certainly would not claim to be more than an average operator. In fact with less than average hearing (hearing aid a must), memory questionable (can copy contest exchanges but weak on rag chewing), older than most (78 but not over the hill tho have excellent view of the other side) but haven't lost my persistence and interest in QRP....so see you all next Fox season. Again, a BIG thanks to all.

Floyd, NQ7X

PS..Just worked LY2ZZ on 20 SSB 5W last night for 100 countries worked QRP!
72/73 Floyd NQ7X Phoenix ScQRPion DM33UQ
ARRL ARCI NORCAL G-QRP AARP DXCC ETC

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>
Subject: [20170] TROUBLE w/W1AW RX
Message-ID: <9704238644.AA864410411@smtpgw.ccgate.dl.nec.com>

Gang:

Hoping for a little help with the W1AW receiver
built from May's QST.

After wiring up the critter, I have two problems:

1. Loud AC hum.
2. Very low audio/BCB interference.(have the audio
mod, cap and pot in circuit).

I've checked and re-checked my wiring several times.
What would be the symptoms of an electrolytic cap
put backwards into the circuit? Since this is low
voltage, I know they won't blow up, but could this
account for the hum? Reason I ask is that the caps
aren't marked well, and I could have reversed these!

Any help, or comments on how well/bad other have done
are welcome.

TIA.

73 de Dave NR3E/5

nr Dallas, TX

qrp-1 #25, ARRL

WIMPS: Qs=033 30m=028 17m=05 12m=00 States=024/05/00

DX=02/00/00

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997

From: wager@juno.com (James W. Cates)

Subject: [20165] Who had 2/440 log ant?

Message-ID: <19970523.064522.3606.27.wager@juno.com>

Ran into a gentleman at Days Inn, who had bought a three element, collapsable log
periodic in the flea market. Nicely made, and \$35. Said it as
a ham from Oklahoma making them. Toured the flea market to no avail.
Now, I did buy a teeny-tiny HT, and would like to get one of those
antennas.

Anyone got a clue? tnx.....jim, WA6GER.

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997

From: "Lawrence T. Owens" <w4dec@dibbs.net>

Subject: [20189] WPX Contest

Message-ID: <33861C11.4B5C@dibbs.net>

Hi Gang,

Expect to be working QRP in the WPX Contest this week end, will be looking for a bunch of you there. Will work all bands with less than 5 watts. My OHR WMM2 wattmeter sez that I'm only getting about 3.5 watts out of my ARGOSY 525 in the 5 Watt position of the power switch so will have to be content with that. Also will try to make a few Qs on 160 using the QRP+ transceiver.

Good luck and 72 ALL,
Larry (W4DEC)

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [20183] WTB Mercury paddle
Message-ID: <Pine.GS0.3.96.970523135554.15224A-1000000@hercules.acsu.buffalo.edu>

Hello
I am looking for one of the N2DAN Mercury paddles.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Harry Bump <bump@redrose.net>
Subject: [20175] Re: 6m E-skip season! QRP, loop and dipole antennas, and others...
Message-ID: <3385F8C4.2A88@redrose.net>

Hey!

I've never been on 6 meters, but have a rig with the ability....

Just discovered that my 40m delta loop has an SWR of about one point six to one on six meters.

I know Scott, NF3I, said any antenna is better than none; but will this work?

See you on six!

Harry, KM3D

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Frank G3YCC <g3ycc@gqrpclub.demon.co.uk>
Subject: [20138] Re: Building an FET probe?
Message-ID: <864337684.102302.0@gqrpclub.demon.co.uk>

There's one in Solid State Design For The Radio Amateur. Works too.
Frank G3YCC
QRP Web Site: <http://www.gqrpclub.demon.co.uk>

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [20177] Re: Dayton Antenna Farm?
Message-ID: <v03020902afab81309fd3@[129.74.35.26]>

At 3:36 PM -0400 5/22/97, Chris Cartwright wrote:
>Did anyone happen to get a picture of the antenna farm that sprung up
>behind the hospitality suite at the Days Inn during the Hamvention. For
>those who missed it, four SLV's, a hustler (I think) on one of the
>railings, and a 35' mast with a 6M KD6KQ loop on it (And that was just
>the ones you could see:). Things at home should be that good... Damn
>covenants... mutter... #26 enamled... mutter... rubber bands...
>grumble...

I did. I will get the film developed, pictures scanned and posted on the Internet QRP Club web site this weekend.

--Steve

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:

<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: AE0Q V31RY <v31ry@ix.netcom.com>
Subject: [20160] Re: DXCC, etc.
Message-ID: <2.2.16.19970523095035.2fb76b48@popd.ix.netcom.com>

At 23:47 22-05-97 -0400, KR0I wrote:

>Hi Glenn,

>

>My April '96 copy of the DXCC rules says in Sect. 1 Basic Rules:
>1) ARRL membership is required for DXCC applicants in the US and
>possessions, and Puerto Rico. ARRL membership is not required
>for foreign applicants.

>

I apologized to Mac! I didn't read far enough down in my copy of the DXCC application form, but there it is.. Same as the WAS rules..

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Chris Cartwright <ccart@dns.vidtel.com>
Subject: [20186] Re: FYBO Prize
Message-ID: <Pine.LNX.3.93.970523154220.1354F-1000000@dns.vidtel.com>

On Fri, 23 May 1997, Bob Cutter wrote:

> I won the most numb brain or butt prize, coldest temperature, in the event
> and just got around to looking at the the prize last night. Bound copies of
> QRPp. What a great prize and I am enjoying them already. There is history

I bought mine and would do it again in a minute if anything happened to them. Ever notice you can usually find the parts to a project much more easily than the reference material? Education is everything (almost:)

and QRPP is a great education at a bargain price.

```
-- Chris Cartwright,   Technical Engineer |      ccart@vidtel.com      --  
-- N3XRV               QRP WAS 15/9 (w/c) |      ccart@erols.com      --  
-- QRP-L #655 NORCAL #1891 QRP-ARCI #9271 | http://dns.vidtel.com/~ccart --  
-- WIMPS Q's=02 30M=02 17M=00 12M=00 STATES=02/00/00 DX=00/00/00 QSL's=00 --
```

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Kory Hamzeh <kory@avatar.com>
Subject: [20149] Re: Gel cells - more questions.
Message-ID: <Pine.BSI.3.91.970522182757.20092A-100000@avatar.avatar.com>

I have two tests that I run on gel cells:

Test #1:

Fully charge the battery. Then disconnect the battery from the charger and let it sit for at least 12 hour with no load. After 12 hours, measure the voltage. It should be around 12.5 volts. If it is less than 12 volts, the battery is bad.

Test #2:

Fully charge the battery again. Now, put a load across it which will pull about 1/20th the capacity of the cell. For example, in your 4ah cell, you need to put some load which will use about 200 milliamps. A 60 ohm resistor will do, but make sure it is at least a 5 watt resistor. If after 20 hours the voltage underload falls below 11 volts, then the battery is bad. Make sure you do not let it run more than 20 hours since the battery will discharge very quickly after about 20 hours.

Hope this helps.

Kory
AC6RN

On Thu, 22 May 1997, Gary M - W2UX wrote:

```
> Thanks for the help.  
>  
> I just got my hands on about 50 4 amp/hr gel cells. They have been  
> sitting unused for about 6 months. About half of them show about 12.5
```

> volts and I assume they are salvageable. About another quarter of them are
> at about 11.5 volts. And the other quarter are about 9 to 10 volts. My
> question is.....are the 11.5 volt batteries ready for the recycle center or
> will they come back with charging? Also...is there a way to test these
> batteries??
>
> I have two gel cell chargers and am familiar with how that is done and why.
> I know there are ways to test them...what is a good way?
>
> Thanks again.
>
>
> =====
> 73 / 72 QRP ARCI # 8911
> Gary - W2UX QRP-L # 593
> Lexington, SC CQC #413
> (EX: WA2UAX)
> CW is the REAL THING! Use it or lose it.
> =====
>
>

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
Subject: [20164] RE: Gel cells - more questions.
Message-ID: <34062.owen@piper.eeel.nist.gov>

In message Thu, 22 May 1997 09:02:25,
Gary M - W2UX <MAIL4GARY@worldnet.att.net> writes:

will they come back with charging? Also...is there a way to
> test these batteries??
>
> I have two gel cell chargers and am familiar with how that is done and
> why. I know there are ways to test them...what is a good way?
>
> Thanks again.
>
>

The ones at 11.5 V should be ok after charging and the ones at 9v or less
MAY be ok. The best way to test them would be to first give them an
overnight charge at about 400 MA and connect a light bulb or resistor that
will pull around an amp. Connect your voltmeter to the battery and if the
voltage stays above 12.4 V or so for the 1A load then the battery is ok. If
the battery has a bad or weak cell the voltage will fall very rapidly to
under 12V. In fact it usually drops by a cell (2V) for each cell that is

bad/weak. If this happens then into the junk it goes. Now you have 50 cells, at one a day it will take 50 days to test. To cut down on time give the cells a high current (about 4A) quick charge for about 10 minutes and then run the same test. This way you should be able to quickly weed out the batterys that are really bad and then with the others you can do the overnight charge. 73 Jim K4CGY

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [20173] Re: Need some help for Millwatt Project
Message-ID: <2.2.16.19970523091321.3bdfbd18@popd.ix.netcom.com>

At 02:56 PM 5/22/1997 -0700, Doug Hendricks wrote:

>Here is the plan. I need 15 volunteers to help key in the text. You will
>need to type about 22 pages, and then proof it and spell check it. I will
>do issues 1, 2 and 3. I also need 3 volunteers to do the schematics, one
>for issues 1-11, 12-22, and 23-33. How about it guys? Are you up for it?
>If you can type, we need you.

Any reason thie images can't be run through OCR software? If not, I'd be a willing typist, but I don't have the magazines or the CD ROM.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Bob Kellogg <ae4ic@nr.infi.net>
Subject: [20153] Re: Oscope operation hints
Message-ID: <199705230339.XAA30189@mh004.infi.net>

Paul,

At 11:45 AM 5/22/97 -0600, you wrote:

>

>There has been some traffic on qrp-l about how to use your scope, plus
>those recently acquired at Dayton, etc. Since I didn't go to Dayton,
>Doug Hendricks asked me to write an article for the summer QRPp on
>basic oscope operation. I decided to make it a 2 part article; sent
>part 1 to Doug which he received and will be in the next QRPp.

You will be doing a great service to a lot of us, Paul, and I thank you in advance.

I built my first scope 40 years ago and now own my fourth one. I know the basics of scope operation, but am not creative enough (or do not understand enough electronic theory) to apply the darned thing to the broad range of uses that I know it's capable of.

For years I've been looking for the kind of books or articles that explain how various tests can be performed using the scope. What I'd really like is an Elmer - someone to say, "Here's the easy way to check that" Sort of like the hams I knew as a kid who showed me how to wind my own power transformers and to make my own ammeters and voltmeters from milliammeters. But, I'm dreaming now.

My point is, ****I CAN'T WAIT TO SEE YOUR SECOND INSTALLMENT**!!**

HURRY!!!

cul,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. - Benny Hill
WIMPS: Qs=001 30m=1 17m=0 12m=0 States=01/00/00

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Dan Hogan <dhhogan@lightside.com>
Subject: [20148] Re: PCB Case
Message-ID: <3.0.1.16.19970522183511.40876308@mail.lightside.com>

Thank you all for the PCB case soldering jig help.

Thanks to John Oppen, KJ6HZ, the article I was looking for was in the Sept, 1996 QRPp, page 15, One Man's 40-9er by Bill Jones KD7S.

72/73

Dan Hogan WA6PBY QRP-L #558, CQC #340, NorCal #1806,
dhhogan@lightside.com ARRL, ARCI #3847, G-QRP #9533, FISTS #2949
Lat. 34d 03.5'N Lon. 117d 56.0'W Grid: DM84wc

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: "Matt Wright, AE4JM" <cnw@HiWAAAY.net>

Subject: [20156] Re: propagation

Message-ID: <Pine.OSF.3.94.970523001342.23786C-100000@fly.HiWAAAY.net>

Hey Gang,

Yep, the cndx were great tonight. I made only 1 QRP contact though, with LZ1QI. It seems like I'm not being heard that well, oh well, I guess it's time for a 3 element tribander or something. Hey, I'd be set if I just had the money. Hee Hee! Have fun Gang!

Best 72/73 DE Matt, AE4JM

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997

From: "\"W. Kimura\"." <W.Kimura@valley.net>

Subject: [20142] RE: QRP DXCC

Message-ID: <199705230054.UAA26151@norwich.valley.net>

Group,

IMHO if the League isn't comfortable with a power level endorsement but the QRP community is, why not compromise? Let the League's DX experts issue the DXCC certificate and let a consortium of QRP clubs issue the QRP endorsement.

This way we focus on the League's and the QRP Clubs strengths.

Kim Kimura, N1MVU

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997

From: "Ed Hare, W1RFI" <ehare@arrl.org>

Subject: [20169] Re: QRP DXCC

Message-ID: <5m4erl\$39p@mgate.arrl.org>

Richard Sherman <srichard@aldus.northnet.org> wrote:

>I checked the DXCC rules, they are on the ARRL web site, and are
>interesting reading. Look at Section 1, Rule 13. It says all applicants
>must sign a statement affirming they operated in accordance with the
>DXCC rules and the Amateur Radio regulations for their country. So it
>seems that DXCC is, in a sense, operating on the honor system. So they
>are correct, power levels and legal operating can't be verified from the >QSL
card, that's assumed because you signed the application.

In this sense, yes, it is an honor system for 1500 watts PEP (for US stations). But there is no other way to handle the entire program except to presume that people self-certify that they followed the rules. Without that one point, there IS no DXCC, and I don't think that is what anyone here wants to see.

To put this discussion in perspective (and remember, I am not discussing this as an ARRL DXCC expert -- I am discussing this as a fellow participant on this list), I bet there are a lot of folks who might want to see a 100-watt class for DXCC. Yet, us QRPers have not been singled out -- there is no way to verify 100-watt QRO operation from the cards, either, so DXCC doesn't include ANY power endorsements. It is not a question of numbers, or offending anyone; it truly is a question of verifiability.

All this doesn't change the fact that, verifiability notwithstanding, the rules could be changed by the ARRL Board of Directors. So, if you have views and ideas, send them to your Directors!

--

72/73
Ed Hare, W1RFI

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: "Ed Hare, W1RFI" <ehare@arrl.org>
Subject: [20171] RE: QRP DXCC
Message-ID: <5m4evn\$39p@mgate.arrl.org>

"\W. Kimura\"." <W.Kimura@valley.net> wrote:

>IMHO if the League isn't comfortable with a power level endorsement but >the QRP community is, why not compromise? Let the League's DX experts
>issue the DXCC certificate and let a consortium of QRP clubs issue the >QRP endorsement.

>This way we focus on the League's and the QRP Clubs strengths.

I would personally feel much better about a QRP endorsement or award issued by my QRP peers (ARCI, perhaps) than I would about one issued by the ARRL. :-)

73, Ed Hare, W1RFI

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Roger Hightower <n7kt@dancris.com>
Subject: [20176] Re: QRP DXCC
Message-ID: <3385CE7C.57AF@dancris.com>

What's the difference between certifying that you ran QRP during a contest (and winning an award) and certifying that you ran QRP doing DXCC?

If the contest manager can accept it, why can't the DXAC? It's probably harder to get a clean sweep with QRP in Sweepstakes than to get DXCC, but I've seen it done.

Someone at the ARRL should look up the word "Trust".

--

72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Dave Sjolín <sjolin@swbell.net>
Subject: [20157] Re: QRP DXCC Award - Thoughts
Message-ID: <33846F2F.5BEE@swbell.net>

Joe Gervais wrote:

>

> 1) I've never met a QRPer who would lie about whether
> they were QRP or QRO. It's not about maniacal ego, it's
> about challenge. We're a different breed. Why else would
> we operate QRP in the first place? Running QRP defines
> what a QRPer is (in temperament, skill, etc)! There's no
> "macho" factor in a QRP endorsement. Only patience and
> cunning. Who else would it appeal to?

>

> 2) Likewise, I've *never* met a QRO op who would want to
> falsely claim they were running QRP. Can you imagine a
> KW op lying to get QRP DXCC and posting it proudly? The
> paper would just scream "You wasted \$2500 on that amp".

I agree with you on both points as far as the awards. However, if you ever listened to a major pileup on twenty meters ssb, you would often hear the rare dx station ask for the qrp station and then have ten or

more stations answer, all 20 or 30 db over nine. HI HI

> Given these two observations, and the fact that there
> appears to be no shortage of ops who regularly exceed
> the legal power limits in pursuit of DXCC (and face no
> consequences), I fail to see why the word of a legitimate
> QRP'er should carry less weight than the word of any other
> ham.

What is your evidence for this? You seem to imply that those operating more than 5 watts are liars and cheats. From past experience in DX clubs, etc. I would be very surprised if more than a fifty dxers in this country run illegal power.

Remember, ownership of a 3 or 5 kw capable amplifier does not mean it will ever be run that high. Some contesters might own such an amp because they can call cq continuously at 1.5 kw for an entire weekend without ever having it breakdown.

73 de Dave, N0IT

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [20192] Re: Re[2]: Why no QRP DXCC...
Message-ID: <Pine.SUN.3.90.970523134336.25579A-100000@vortex>

On Thu, 22 May 1997 ptaber@microtest.com wrote:

.....snip.....

> Not until they came into perfect alignment with your views
> on a sticker to put on your DXCC certificate....

Not even close to what was said!

> You have to look at the big picture in a big organization.

I was looking at the big picture of the ARRL before you were born, if the license data is right.

> If you want to change some small part of it, you CAN -- if you do
> it from the inside.

Been there. Tried that. Found no support from the ARRL.

> Or you can sit on the outside and leech the benefits of everyone
> else's work.

This is just good ole' union rhetoric. Follow the crowd down the path to destruction as long as you are being fed a little ice cream now and then!

> Just don't pretend you have the moral high ground when you do that.

Not pretending at all. That's just how I feel, based on my look at life over the past few decades.

If you want to know some of the events that have driven me to not think much of the ARRL, I'll be glad to chat with you away from the list. Most don't really care.

And had you read my posts, you would have seen that I do give the ARRL credit for doing a good job in some areas.

But over all, I think amateur radio has gone downhill since I came on board in 1953 and that the ARRL must shoulder much of the blame.

Then again, I might do like one fellow suggested.....join them for life and feel all high and mighty while I compalin! :-)

I've wasted enough of everyones time with this issue for now at least!

OBQRP:

I hope to do some more work on the S&S counter I won at Dayton. All the SMT resistors are on the board. Kathy gave me a good lesson at the vendors night table. And it was easy to do while she and Dick watched. Now to try it for real..... :-)

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [20174] Re: SGC 2020 Comment
Message-ID: <3.0.1.32.19970523123619.00a0cb20@mail.atl.bellsouth.net>

Yep... thought so... some NON-ham mispoke earlier... must have been someone related to their marine/commercial business. Thanks... makes me feel better to know that really was the case.

At 09:01 AM 5/23/97 -0400, Rick Hiller wrote:

>Hi Folks,

>

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>Received a nice reply to my question to SGC about the 50 channels.  Bob
>Gregg explained that the specifications are still 'dynamic' and that the 50
>channels has been changed to 20 memories.  So apparently the voiced
>concerns, mine included, about being a 'channelized' commercial transceiver
>can be placed to rest.
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>

>

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>72....Rick.....W5RH
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>Rick Hiller

>Manager, Business Development

>System Development, Inc.

>Houston, Texas

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>rhiller@sysdev.com
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>

>

>

>

72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC

Life Member: ARRL AMSAT INDEXA OCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

"Think you can, think you can't: either way you're right!" Henry Ford

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [20140] Re: Short Vertical Post

>From: ji3m@maxwell.com (James R. Duffey)
>The SLV is 20 feet high. On 7 MHz, the band we are discussing operating
>on, this is 0.15 wavelengths high, or 54 electrical degrees.

Nope, you cannot change the laws of physics by adding the coil dimension into the radiating element dimension. If you think you can, we are just going to have to agree to disagree. The radiating element is 16 ft long. Even if I allow you to count half the coil as part of the radiating element, the efficiency is still only 10%. Aristotle said it best, A is A, i.e. a coil is a coil.

>At 7 MHz, about 200 Ohms of inductive reactance is required to resonate
>a dipole antenna of twice this length.

But the antenna is not resonant on 40m! It would be good if it was but it is resonant on 5.6 MHz making the inductive reactance of the coil more than 1000 ohms on 40m, according to EZNEC.

>I feel this data technically support my original criticism of your
>statement that the SLV has less than 10% efficiency figure.

And I disagree. But assuming that I'm feeling generous enough to ignore the laws of physics, give up, and let you have your additional 3% efficiency it means the signals will be stronger by 0.02 'S' units. Whoppee, the original SLV is really 2% better than terrible.

Yet, I am but a tadpole in the pool of antenna knowledge. But here is a quote from one who groks antennas as well as anyone I know:

"Three radials???? 10% efficiency sounds like an optimistic estimate. If the goal is to be weak, that antenna probably fits the application very well."

73, Cecil, W6RCA, OOTC

From owner-qrp-1@Lehigh.EDU Fri May 23 23:29:55 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [20172] Re: TROUBLE w/W1AW RX
Message-ID: <3385C22F.5F11@qsl.net>

I'd go straight to the audio amplifier. It has been reported that the input pins 2/3 of the LM386 can detect BC band. In the QQ member articles suggest a few solutions. One is to add a capacitor to ground at pin 2 (Or pin 3 if you are using the non-inverting input). the other pin remains grounded. Another fix is for hiss and a feedback connection from the output capacitor thru a RC combination is fed back to pin 8. these just off the top of my head since the actual circuits are 8 miles away at home on my work bench.

Hope you find the circuit -- es gl om.
-Ed Loranger

--

72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
mailto:we6w@qsl.net QRP-L member #1068.
<http://www.qsl.net/we6w>

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: James Parsons <k5rov@worldnet.att.net>
Subject: [20194] Re: Why no QRP DXCC...
Message-ID: <33861B37.5115@worldnet.att.net>

> I've wasted enough of everyones time with this issue for now at least!

I agree!!!!

--

James (Jim), Parsons, K5ROV USAF, Ret.
k5rov@worldnet.att.net
EX: W1RLA, K5FBB, K4FEO, SV0WN (CRETE), SV0WN (RHODES),
DL4NC, DL4JP, KA2FC (JAPAN), KA2JP (JAPAN).
JOHN 3:16

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997
From: n4js@amsat.org
Subject: [20191] RE: WTB Mercury paddle
Message-ID: <XFMail.970523152318.n4js@amsat.org>

On 23-May-97 J. Skalski expounded:

>Hello

>I am looking for one of the N2DAN Mercury paddles.

>

You and several thousand other people! Figure they'll start at \$750 and go up from there!

Sent at 15:23:18 on 23-May-97

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | | _ | | / _ | n4js@n4js.ampr.org NJ Grid:FM29LN
| . ' | | _ _ | | | \ _ _ \ http://www.qsl.net/n4js
| _ | \ _ | | _ | \ _ _ / | _ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=019 30m=16 17m=3 12m=0 States=05/02/00 Countries=10/02/00
```

From owner-qrp-l@Lehigh.EDU Fri May 23 23:29:55 1997

From: wb8ygg@juno.com (Bradley S. Mitchell)

Subject: [20193] Re: WTB Mercury paddle

Message-ID: <19970523.164245.8887.0.WB8YGG@juno.com>

Unfortunately , it's probably going to be like paintings.
After the artist dies, they become very popular.

Keys are fun to collect. I apparantly started a collection
without knowing it! I didn't get to talk to Stan of WBL fame,
and I know Jerry Henshaw had the paddles at the Days Inn South, but
I never really got to check them out.

I have the V2L, but I think these are the ones with double adjustment
but don't know.. Either way they are great!

73 Brad WB8YGG

On Fri, 23 May 1997 15:22:06 -0400 (EDT) n4js@amsat.org writes:

>

>On 23-May-97 J. Skalski expounded:

>>Hello

>>I am looking for one of the N2DAN Mercury paddles.

>>